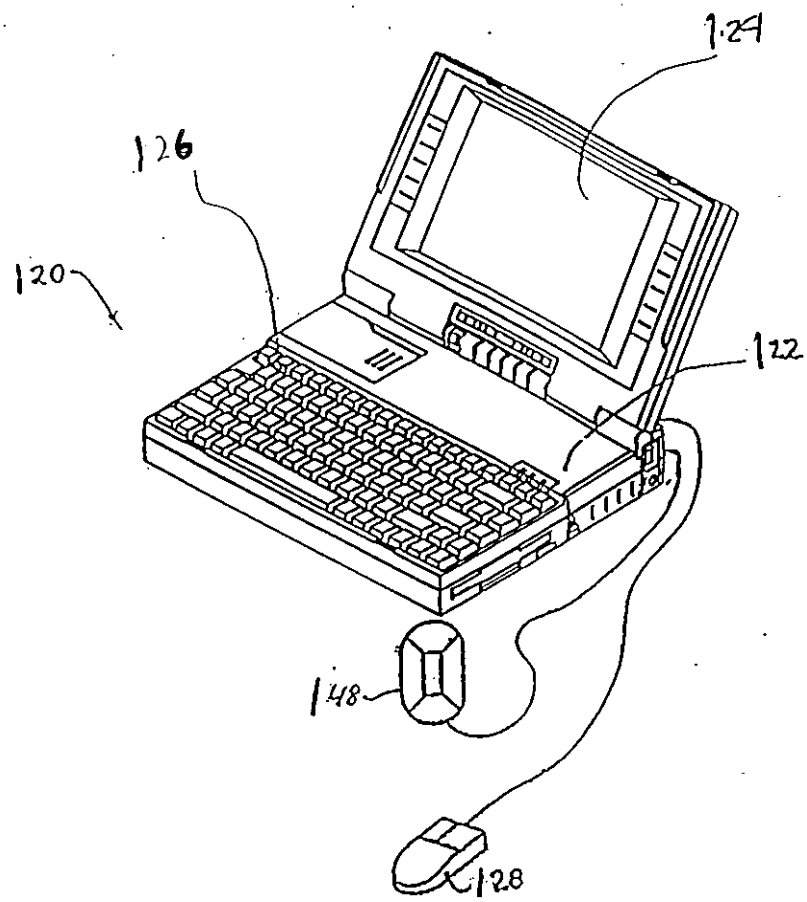


FIG. 1A

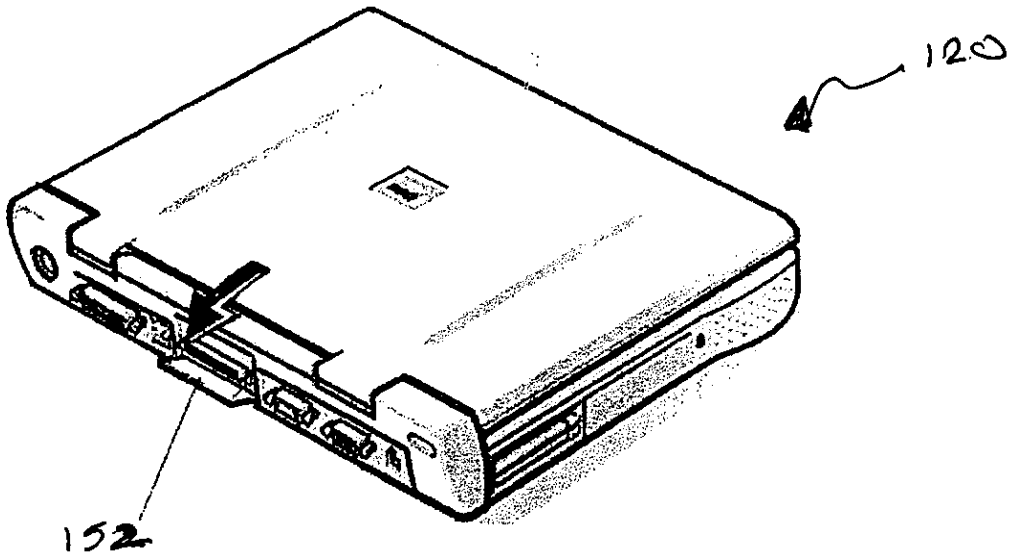


FIG 1B

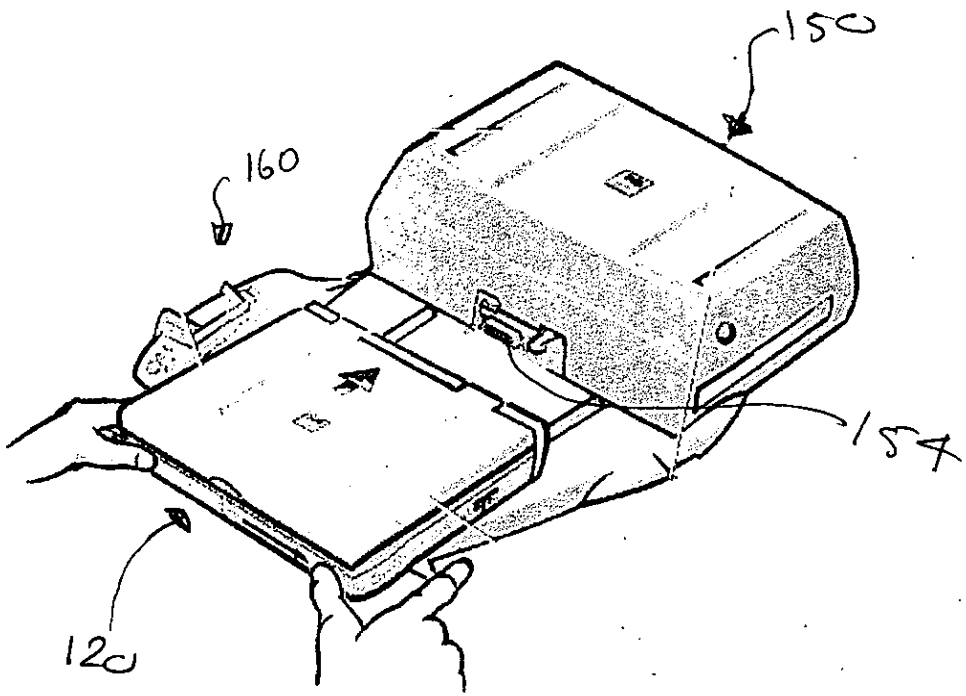


FIG 1C

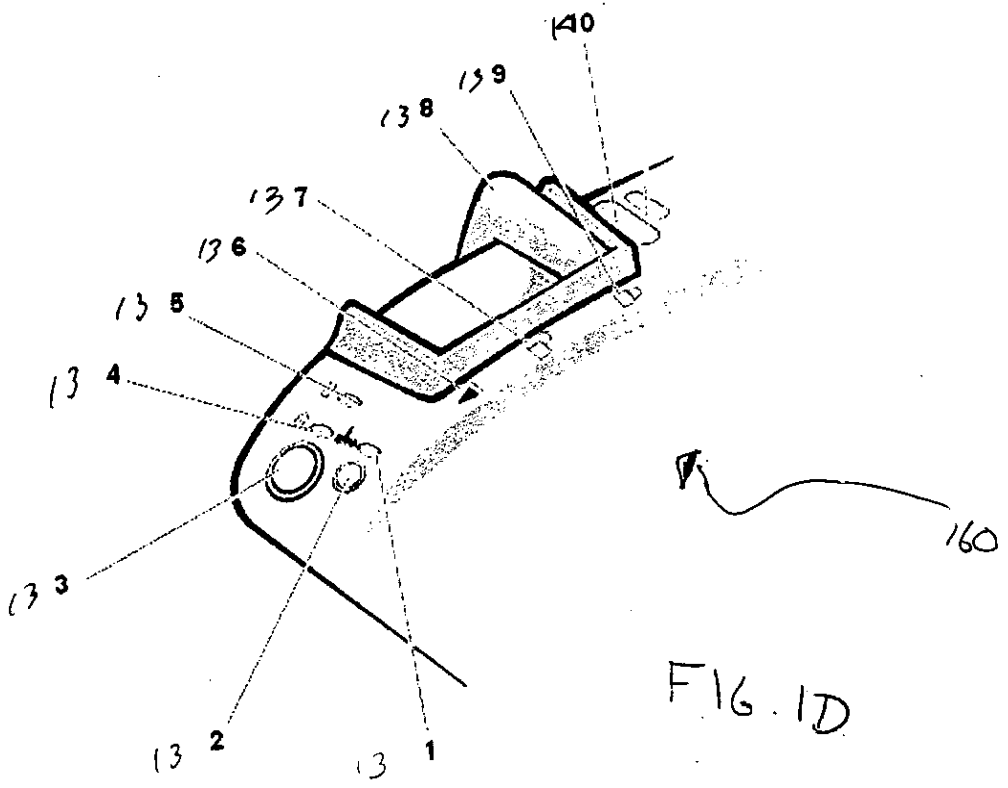
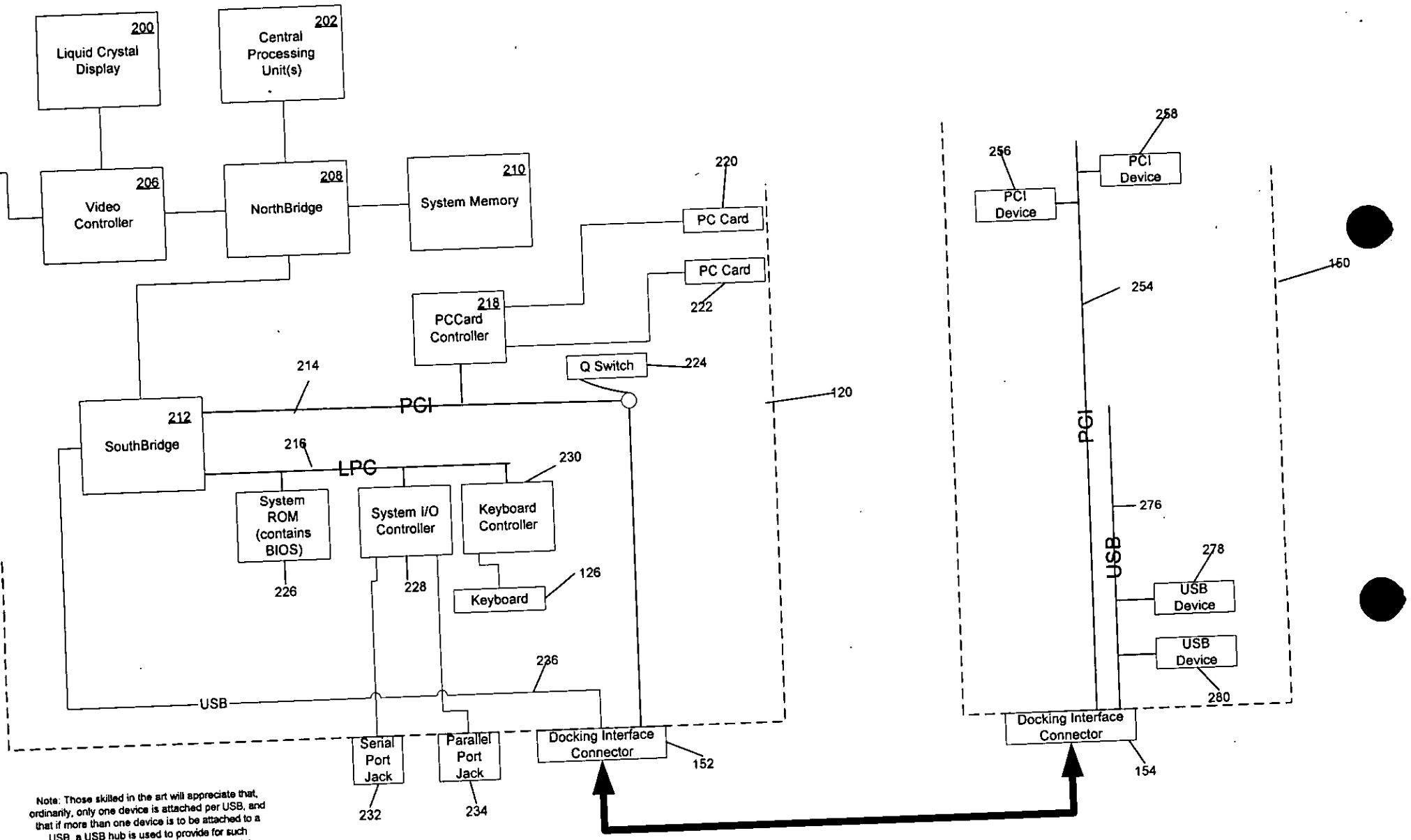
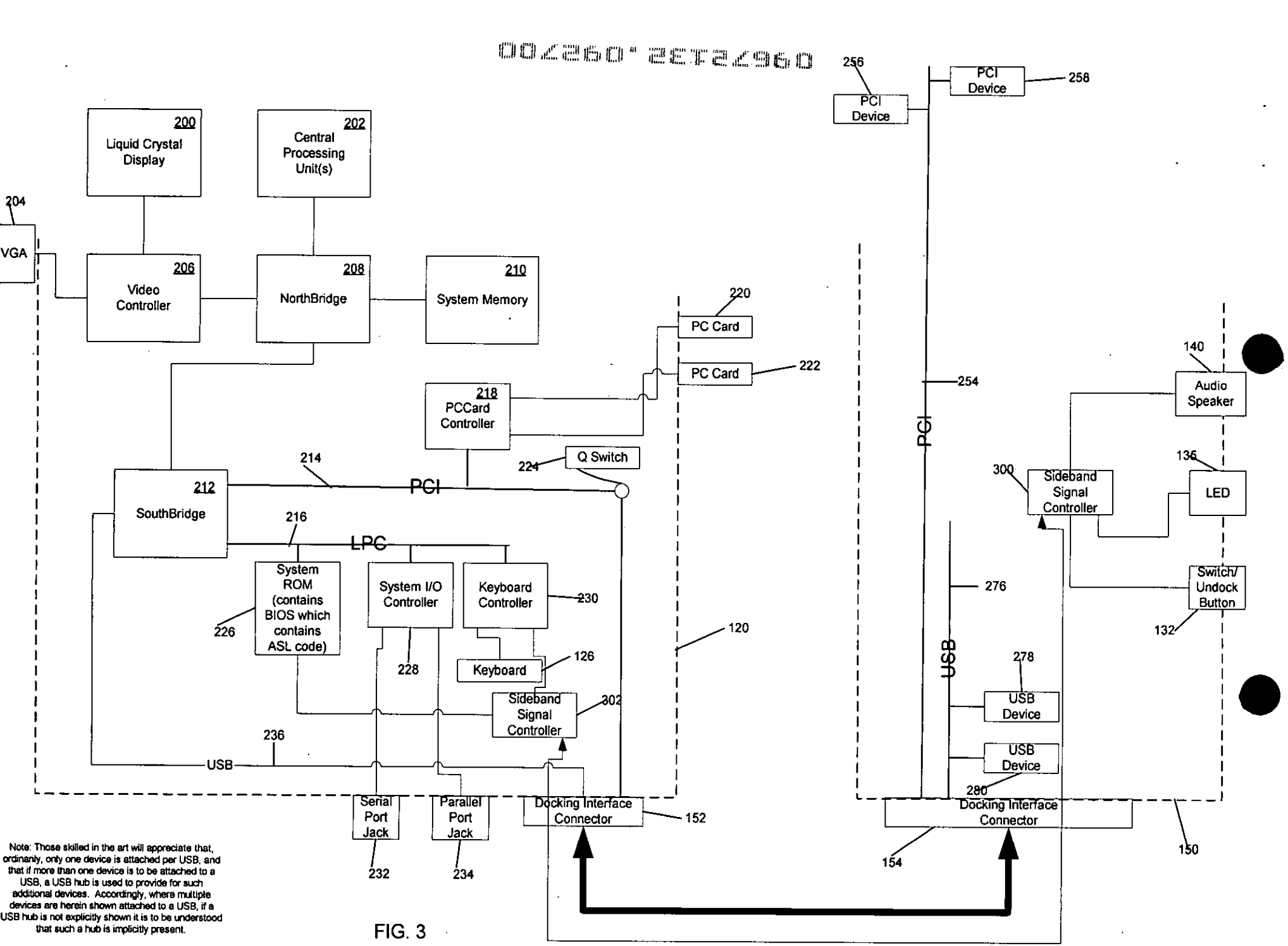


FIG. 1D



Note: Those skilled in the art will appreciate that, ordinarily, only one device is attached per USB, and that if more than one device is to be attached to a USB, a USB hub is used to provide for such additional devices. Accordingly, where multiple devices are herein shown attached to a USB, if a USB hub is not explicitly shown it is to be understood that such a hub is implicitly present.

Fig. 2



Note: Those skilled in the art will appreciate that, ordinarily, only one device is attached per USB, and that if more than one device is to be attached to a USB, a USB hub is used to provide for such additional devices. Accordingly, where multiple devices are herein shown attached to a USB, if a USB hub is not explicitly shown it is to be understood that such a hub is implicitly present.

FIG. 3

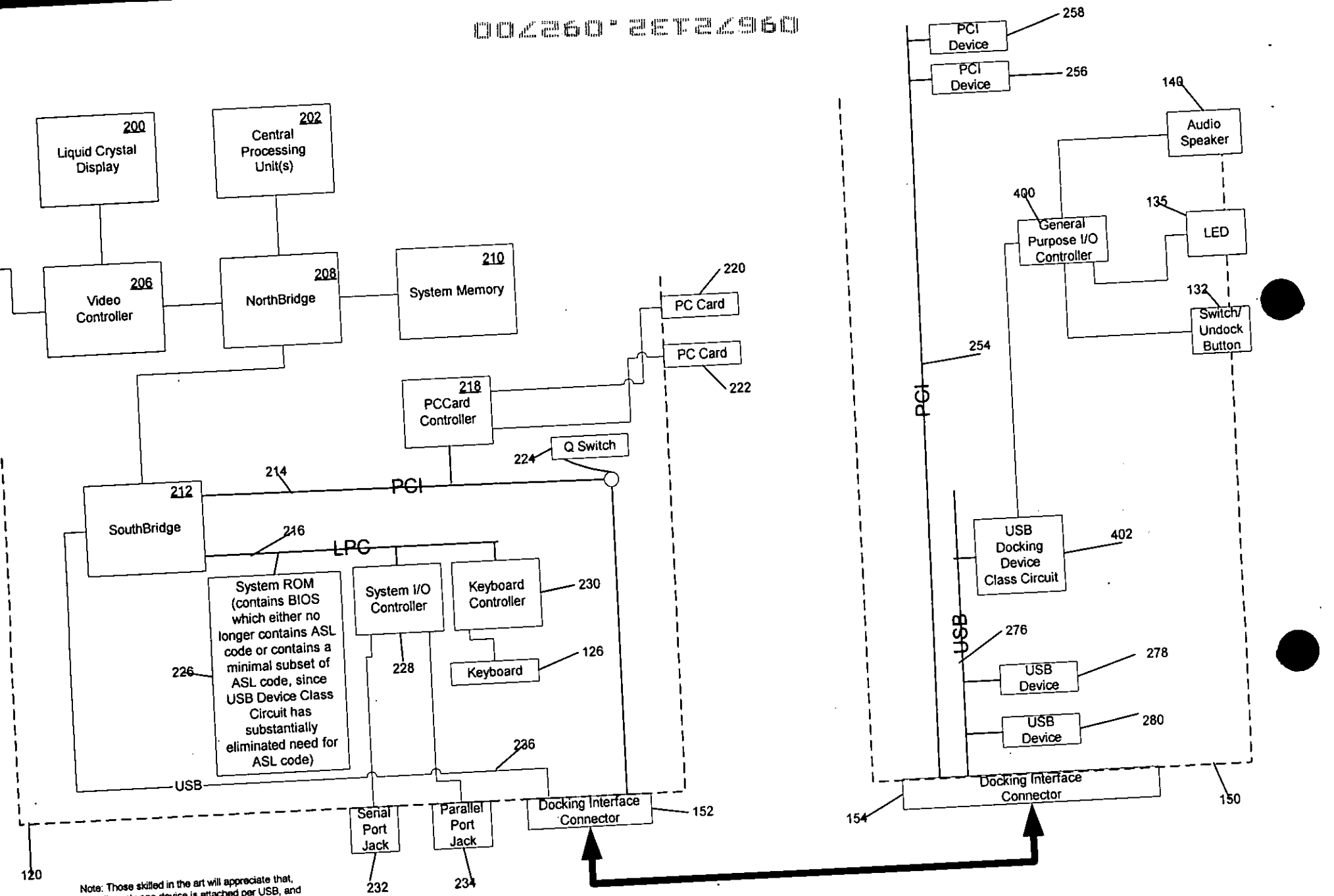
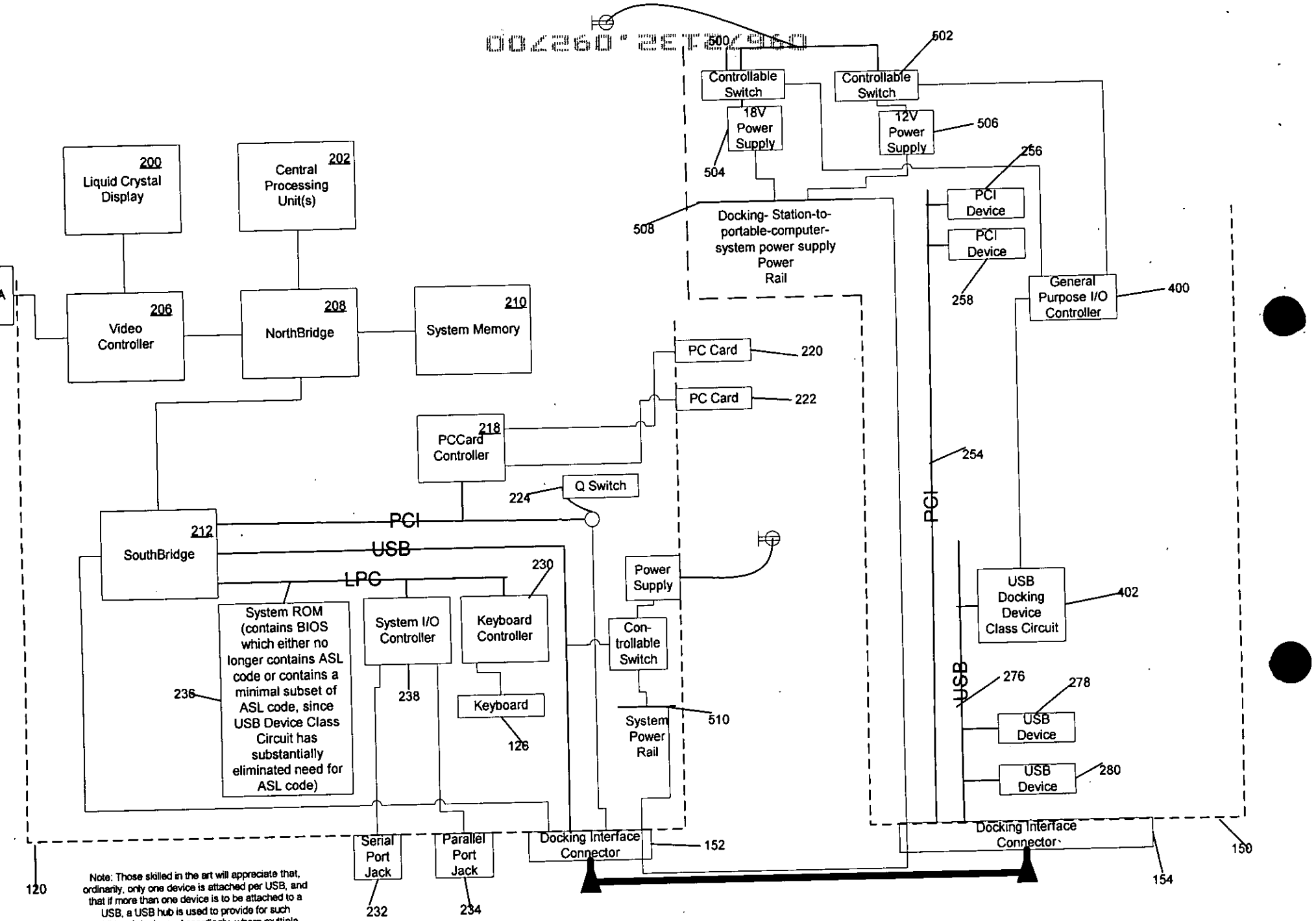


FIG. 4

Note: Those skilled in the art will appreciate that, ordinarily, only one device is attached per USB, and that if more than one device is to be attached to a USB, a USB hub is used to provide for such additional devices. Accordingly, where multiple devices are herein shown attached to a USB, if a USB hub is not explicitly shown it is to be understood that such a hub is implicitly present.



Note: Those skilled in the art will appreciate that, ordinarily, only one device is attached per USB, and that if more than one device is to be attached to a USB, a USB hub is used to provide for such additional devices. Accordingly, where multiple devices are herein shown attached to a USB, if a USB hub is not explicitly shown it is to be understood that such a hub is implicitly present.

FIG. 5

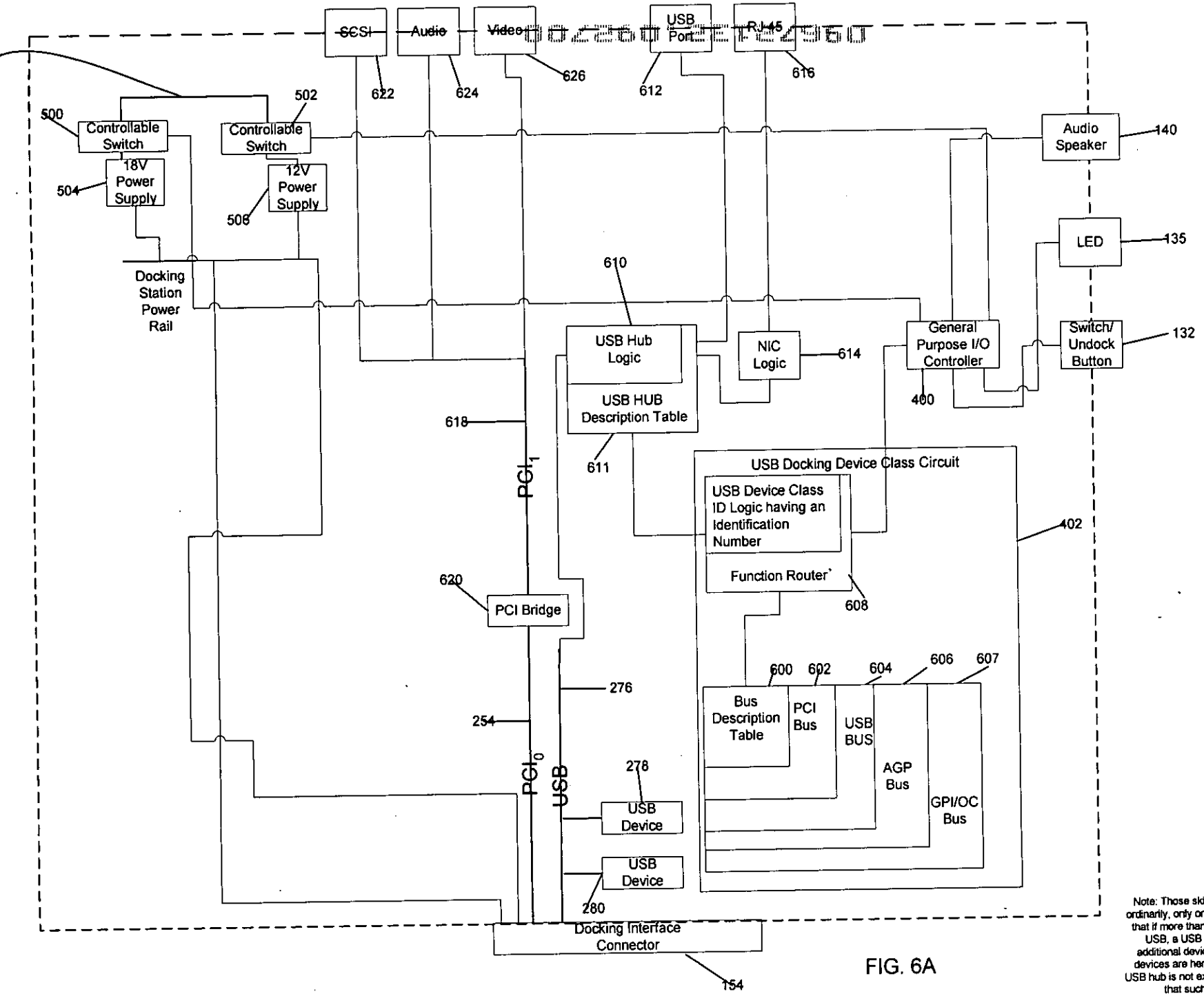


FIG. 6A

Note: Those skilled in the art will appreciate that, ordinarily, only one device is attached per USB, and that if more than one device is to be attached to a USB, a USB hub is used to provide for such additional devices. Accordingly, where multiple devices are herein shown attached to a USB, if a USB hub is not explicitly shown it is to be understood that such a hub is implicitly present.

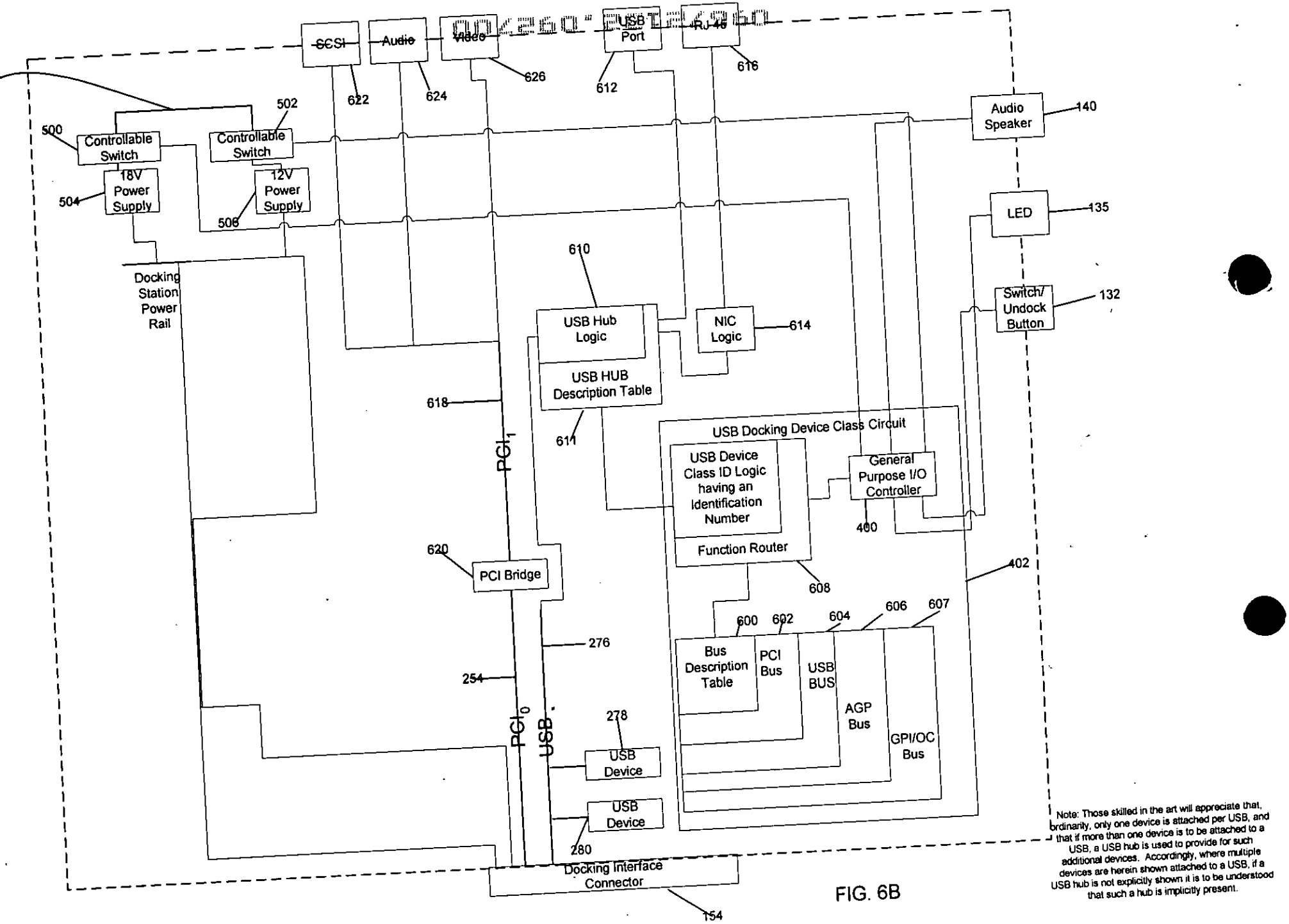


FIG. 6B

Note: Those skilled in the art will appreciate that, ordinarily, only one device is attached per USB, and that if more than one device is to be attached to a USB, a USB hub is used to provide for such additional devices. Accordingly, where multiple devices are herein shown attached to a USB, if a USB hub is not explicitly shown it is to be understood that such a hub is implicitly present.

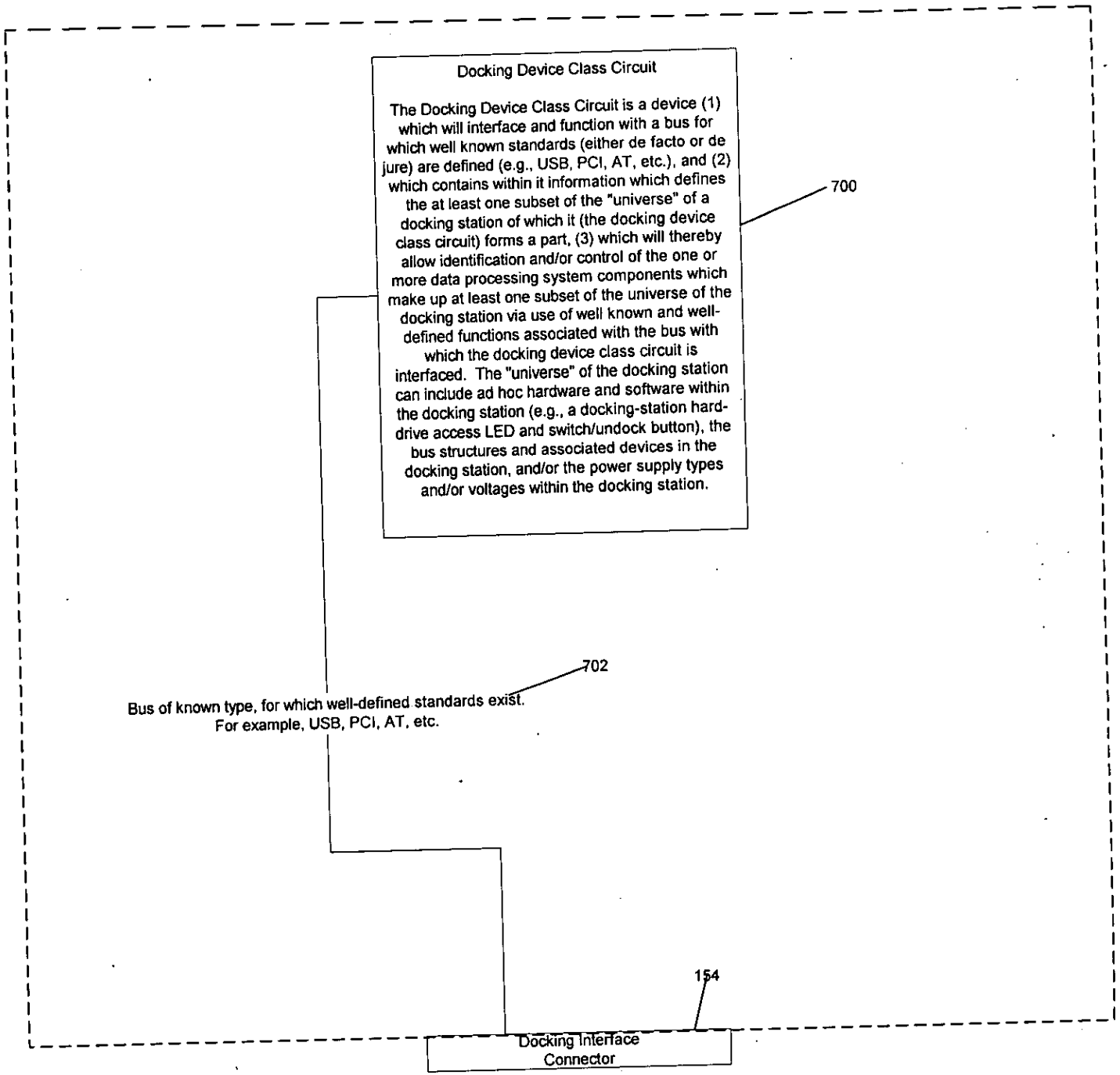


Fig. 7

ote: Those skilled in the art will appreciate that, inarily, only one device is attached per USB, and et if more than one device is to be attached to a USB, a USB hub is used to provide for such dditional devices. Accordingly, where multiple evices are herein shown attached to a USB, if a B hub is not explicitly shown it is to be understood that such a hub is implicitly present.

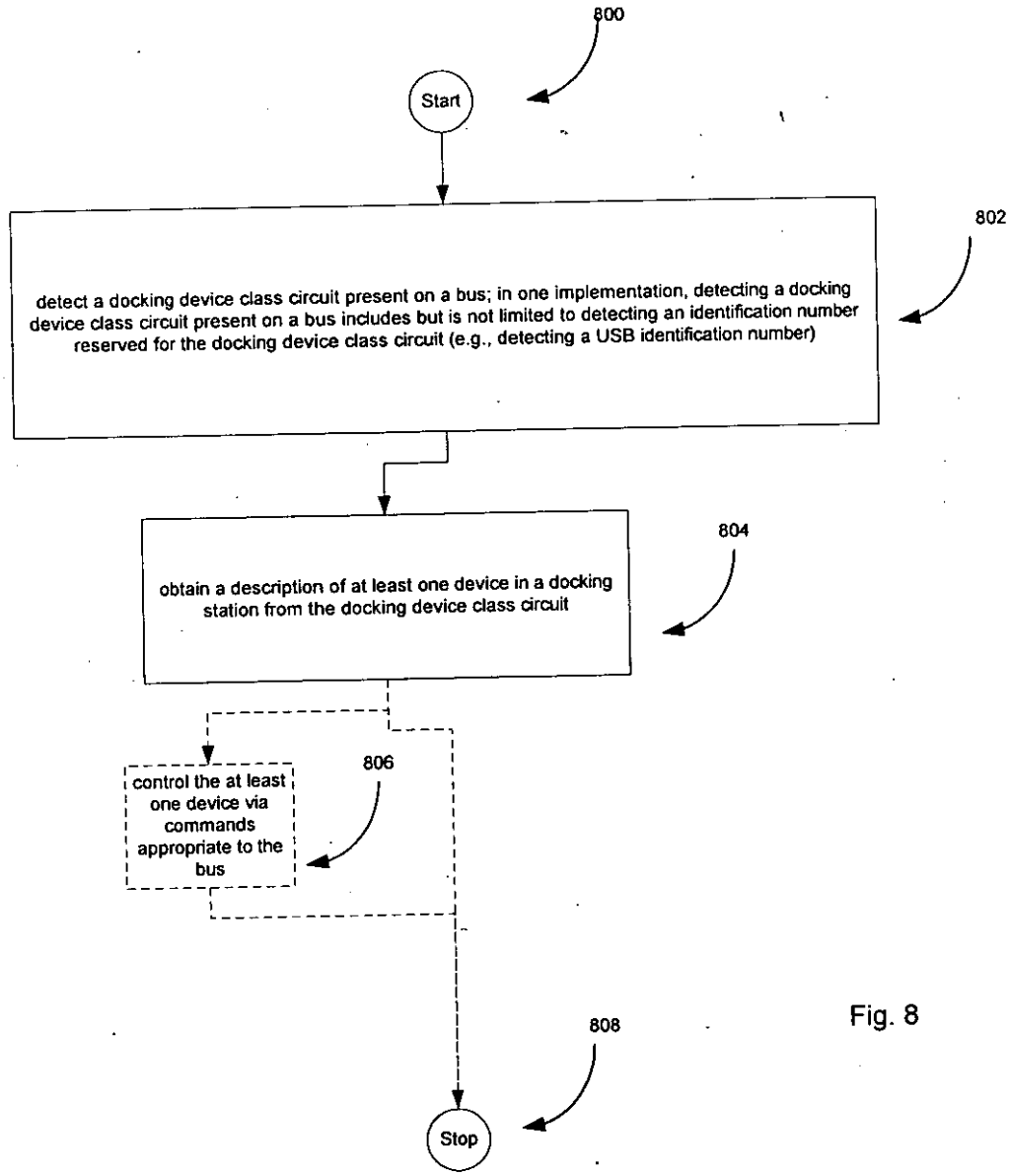

800
Start
802
detect a docking device class circuit present on a bus; in one implementation, detecting a docking device class circuit present on a bus includes but is not limited to detecting an identification number reserved for the docking device class circuit (e.g., detecting a USB identification number)
804
obtain a description of at least one device in a docking station from the docking device class circuit
806
control the at least one device via commands appropriate to the bus
808
Stop

Fig. 8

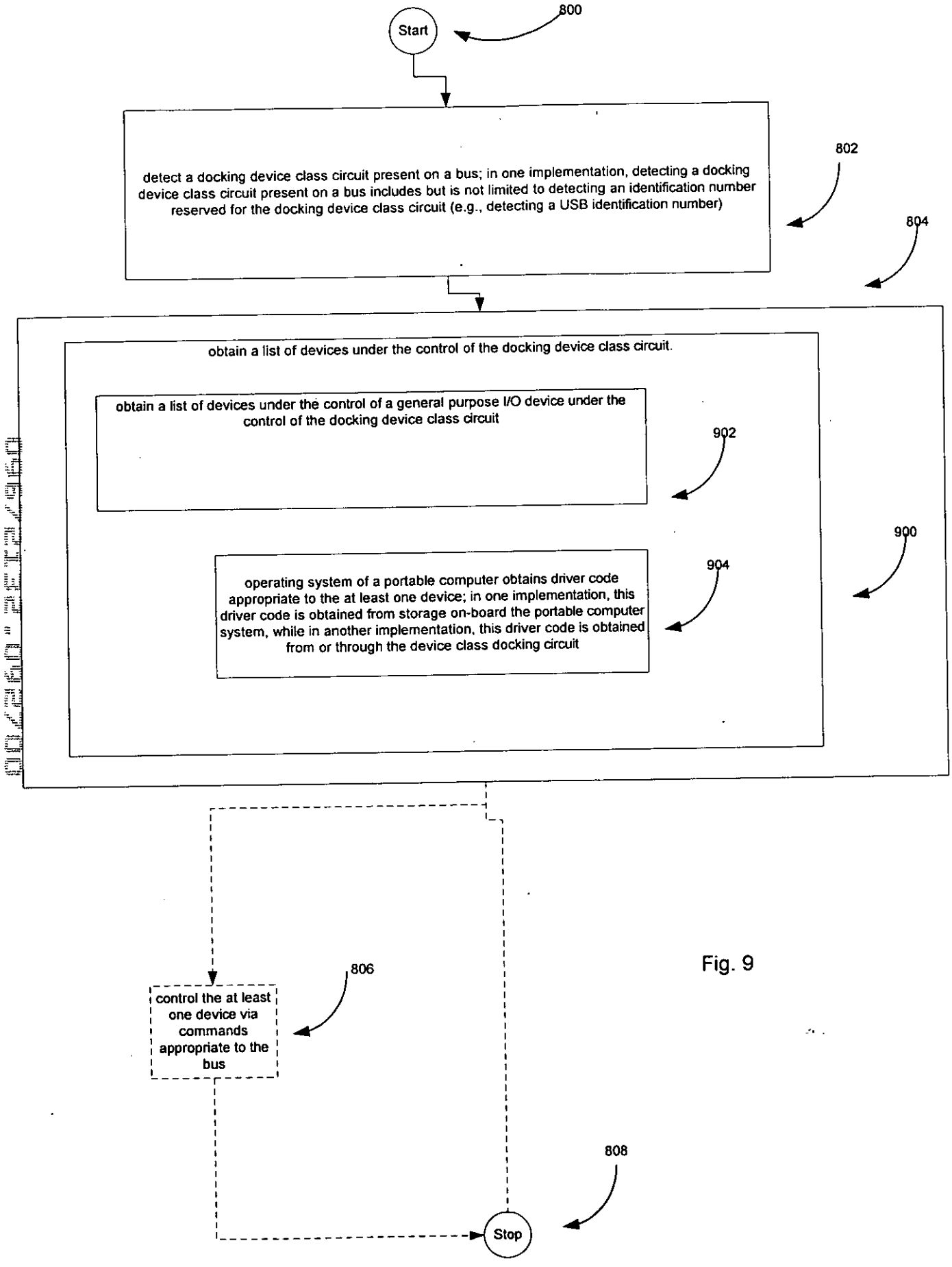

Start
800
detect a docking device class circuit present on a bus; in one implementation, detecting a docking device class circuit present on a bus includes but is not limited to detecting an identification number reserved for the docking device class circuit (e.g., detecting a USB identification number)
802
804
obtain a list of devices under the control of the docking device class circuit.
obtain a list of devices under the control of a general purpose I/O device under the control of the docking device class circuit
902
operating system of a portable computer obtains driver code appropriate to the at least one device; in one implementation, this driver code is obtained from storage on-board the portable computer system, while in another implementation, this driver code is obtained from or through the device class docking circuit
904
900
control the at least one device via commands appropriate to the bus
806
Stop
808

Fig. 9

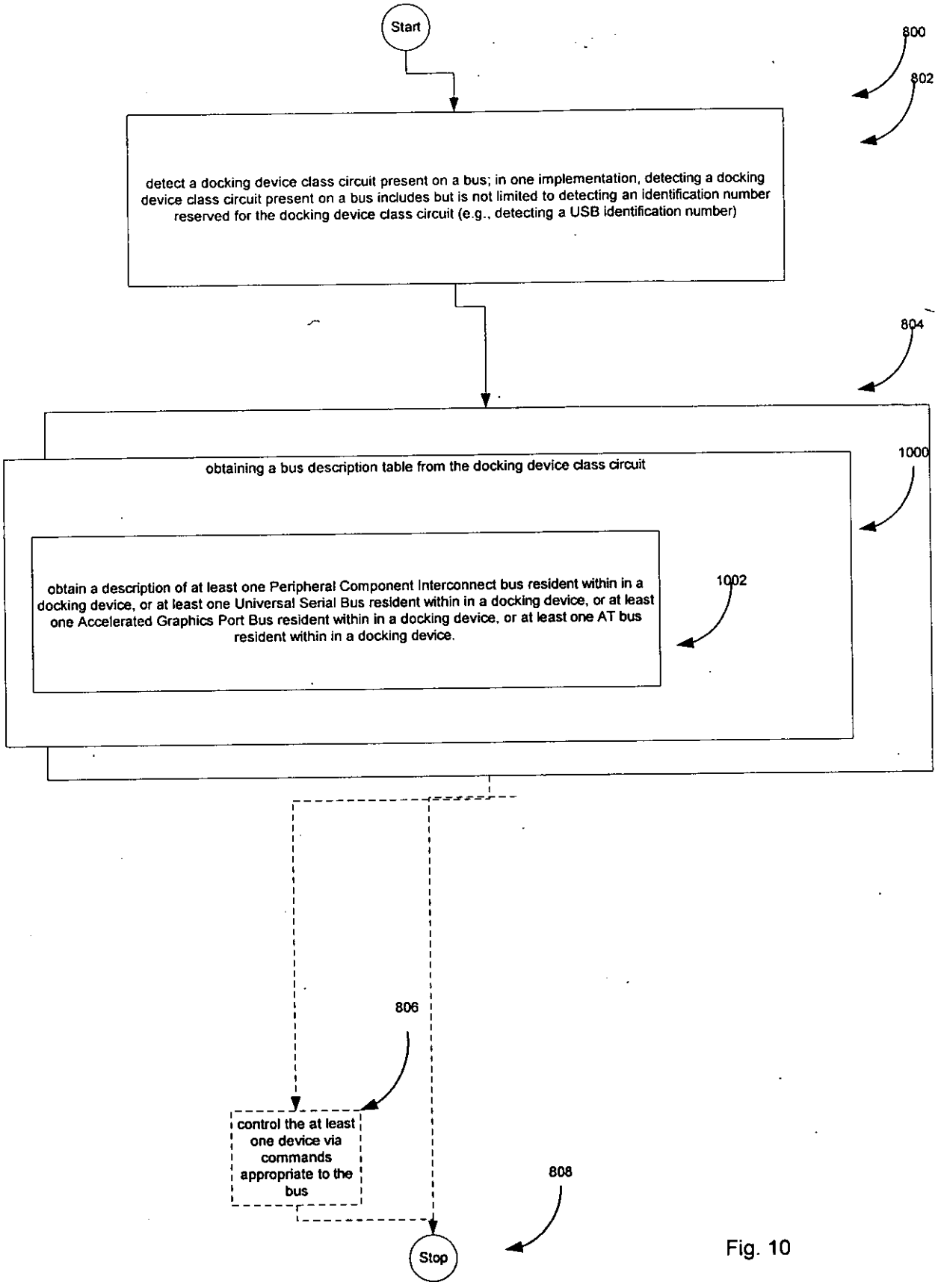

Start
800
802
detect a docking device class circuit present on a bus; in one implementation, detecting a docking device class circuit present on a bus includes but is not limited to detecting an identification number reserved for the docking device class circuit (e.g., detecting a USB identification number)
804
1000
obtaining a bus description table from the docking device class circuit
obtain a description of at least one Peripheral Component Interconnect bus resident within in a docking device, or at least one Universal Serial Bus resident within in a docking device, or at least one Accelerated Graphics Port Bus resident within in a docking device, or at least one AT bus resident within in a docking device.
1002
806
control the at least one device via commands appropriate to the bus
808
Stop

Fig. 10

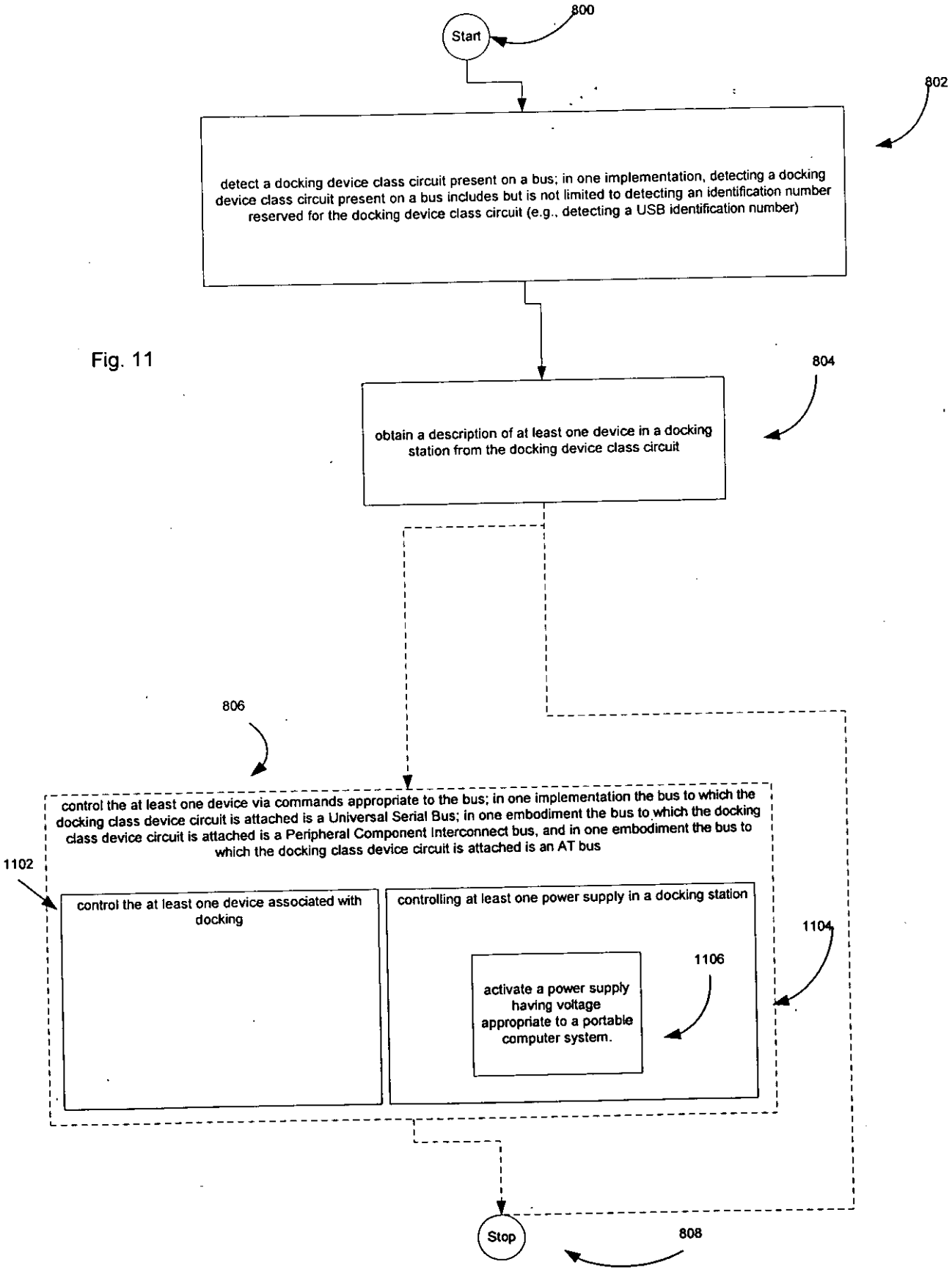

800
Start
802
detect a docking device class circuit present on a bus; in one implementation, detecting a docking device class circuit present on a bus includes but is not limited to detecting an identification number reserved for the docking device class circuit (e.g., detecting a USB identification number)
804
obtain a description of at least one device in a docking station from the docking device class circuit
806
control the at least one device via commands appropriate to the bus; in one implementation the bus to which the docking class device circuit is attached is a Universal Serial Bus; in one embodiment the bus to which the docking class device circuit is attached is a Peripheral Component Interconnect bus, and in one embodiment the bus to which the docking class device circuit is attached is an AT bus
1102
control the at least one device associated with docking
controlling at least one power supply in a docking station
1104
1106
activate a power supply having voltage appropriate to a portable computer system.
Stop
808

Fig. 11